

ECM2-1816A-A3L2

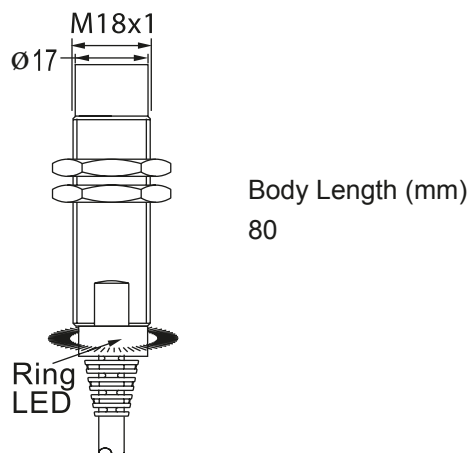
Extended Range Proximity Sensor



Note: The product images shown may change over time as products are updated.



Dimensions



Part Number

ECM2-1816A-A3L2

Features

Inductive Proximity Sensors are used in a wide variety of manufacturing operations where a metal target needs to be sensed. HTM Sensors inductive proximity sensors have a Lifetime Warranty, a CSA or UL approval, and a huge inventory for same-day shipping. For tougher applications where the sensors need more range to stay out of harm's way, or to withstand high temperatures, weld spatter, chemical exposure, oil or other rough environments, HTM Sensors has the widest range of proximity sensors on the market.

Connection

Normally Open



Technical Data

Body Style	Cylindrical
Sensor Housing Material	Chrome Plated Brass
Sensor Face Material	PBT Plastic
Mounting Style	Unshielded
Diameter	18 mm Threaded
Sensing Range:	16 mm range
Output Type:	AC Output
Output Function	Normally Open Output
Connection	Pre-Three Wired Cable Connect
Connector Type	Cable
Operating Voltage	20-250 VAC
Switching Frequency	<25 Hz
Operating Temperature	-25 °C – +70 °C
Current Consumption	<1.8 mA
IP Rating:	IP67
EMC Rating	RFI>3V/m / EFT>1kV / ESD>4Kv (contact)
Shock Rating:	IEC 60497-5-2 Part 7.4.1&7.4.2
Short Circuit Protected	NO
Reverse Polarity Protected	NO
Max Current	400 mA
Leakage Current	<1.8 mA
Surge Current	5 A (20 ms)
Response Time	10 ms/10 ms
Hysteresis	<15%(Sr)
Overload Trip Point	-
Weld Field Immune	No
Weld Spatter Resistant	No
Body Length (mm)	80



In the USA: 1889 Maryland Ave., Niagara Falls, NY 14305
 In Canada: 3419 Mainway, Burlington, ON L7M 1A9
 Toll Free: 1-800-644-1756 • Fax: 888-283-2127
 service@htmsensors.com

htmsensors.com